

ABSTRACT

A rolling bearing for an HDD being excellent in the resistance to fretting wear, capable of lowering the torque and relieving the torque change and having a long life while exerting no undesirable effect on various bearing properties.

A rolling bearing for hard disk drives wherein a cage 7 supports a plural number of rolling elements 5 located between an inner ring 2 and an outer ring 4 and sealing members 6,6 fixed to the both ends in the axial direction of one of said inner ring 2 and said outer ring 4 are opposite to each other, wherein a lubricating oil has been injected into the bearing space formed between said sealing members 6,6 at the both ends in the axial direction so as to amount to 1 to 50 % by volume of the bearing space.